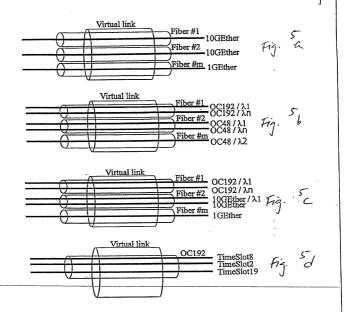
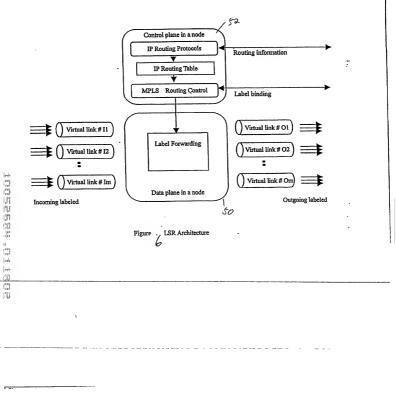


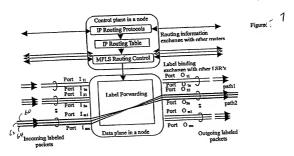
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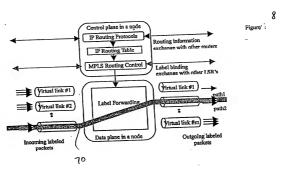


Examples of composition of physical and logical links

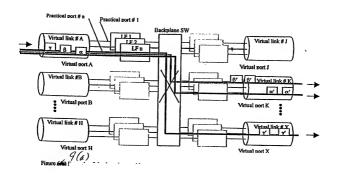
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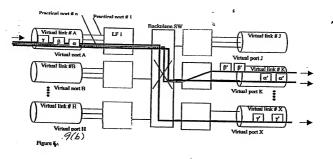






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Label Forwarding Table maintained by the MPLS control plane 4

Input practical port #	Input virtual port#	Input Label	Output Label	Output virtual port #	Output practical port #	
n	A	α	α'	K	f(α')	
n	Α	β	βr	K	f(β')	
n	A	·γ	γ'	X	f(γ')	
2	ı A	δ	8′	В!	f(δ')	
1	Α,	8	, ε'	В	f(ε')	
2	Α	ζζ	ζ',	H	f(5')	
1	Α	n .	n,	/J	f(n')	
5	Α	σ	o o	η K	f(o')	
n	A	κ	k '	X	f(k')	

Figure / Label Forwarding Table and mechanism to decide practical output port at the sending LSR

98 100 Glabel Forwarding Table maintained by the MPLS control plane 7

Tag	Hash value of incoming label	Input practical port#	Input virtual port#	Input	Output	Output virtual port#	Output practical port#
0	f(α')	n	Α	ď	· 00"	K	f(α")
0	f(B')	n	Ä.	18' -	β'n	, K	f(B")
0	f(Y')	n	À	W.		X	f(~")
	f(δ')	2	A	. ⊢δ′	8"	B	f(8")
0	f(ε')	1	L A	8	3187	B	f(e")
0	f(")	2	A	* E	E G	THE STATE OF	f(")
0	f(n')	1	A	an A	h″	. j 🦠	f(n")
	f(o')	5*	. A	υσ	.',∙ o ′′.	K	f(o")
	f(κ')	n	A	· K	. k∕′ ‡	Х	f(k")

Figure 8 Fast lookup mechanism using a hash